

ABSTRACT OF THE DISCLOSURE

A Java execution device, a Java class file configuration, a Java execution method, a method of precompiling a Java file, and an execution method in a Java Virtual Machine (JVM) are provided. The Java execution device includes an extended class library, which includes a class file of a machine code obtained by precompiling a class file included in a standard class library, and a Java Virtual Machine (JVM), which executes the class file of the machine code or an application file included in the extended class library. Thus, it is possible to improve the performance of the Java platform while assuring platform-independency and dynamic extensibility of the Java platform.